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PCT

NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL APPLICATION TO THE DESIGNATED OFFICES

(PCT Rule 47.1(c), first sentence)

From the INTERNATIONAL BUREAU

TUNNICLIFFE, Peter, Barry Chester Court

Church Close Broadway

Worcestershire, WR12 7AH ROYAUME-UNI

Applicant's or agent's file reference P.440.	ļ II	MPORTANT NOTICE
International application No. PCT/GB00/02665	International filing date (day/month/year) 12 July 2000 (12.07.00)	Priority date (day/month/year) 15 July 1999 (15.07.99)

 Notice is hereby given that the International Bureau has communicated, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this Notice: AU,KP,KR,US

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present Notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:

AE,AG,AL,AM,AP,AT,AZ,BA,BB,BG,BR,BY,BZ,CA,CH,CN,CR,CU,CZ,DE,DK,DM,DZ,EA,EE,EP,ES,FI,GB,GD,GE,GH,GM,HR,HU,ID,IL,IN,IS,JP,KE,KG,KZ,LC,LK,LR,LS,LT,LU,LV,MA,MD,MG,MK,MN,MW,MX,MZ,NO,NZ,OA,PL,PT,RO,RU,SD,SE,SG,SI,SK,SL,TJ,TM,TR,TT,TZ,UA,UG,UZ,VN,YU,The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

3. Enclosed with this Notice is a copy of the international application as published by the International Bureau on 25 January 2001 (25.01.01) under No. WO 01/06245

REMINDER REGARDING CHAPTER II (Article 31(2)(a) and Rule 54.2)

If the applicant wishes to postpone entry into the national phase until 30 months (or later in some Offices) from the priority date, a demand for international preliminary examination must be filed with the competent International Preliminary Examining Authority before the expiration of 19 months from the priority date.

It is the applicant's sole responsibility to monitor the 19-month time limit.

Note that only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination.

REMINDER REGARDING ENTRY INTO THE NATIONAL PHASE (Article 22 or 39(1))

If the applicant wishes to proceed with the international application in the national phase, he must, within 20 months or 30 months, or later in some Offices, perform the acts referred to therein before each designated or elected Office.

For further important information on the time limits and acts to be performed for entering the national phase, see the Annex to Form PCT/IB/301 (Notification of Receipt of Record Copy) and Volume II of the PCT Applicant's Guide.

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No. (41-22) 740.14.35

Authorized officer

J. Zahra

Telephone No. (41-22) 338.83.38

PCT INTERNATIONAL PRELIMINARY EXAMINATION REPORT

OD 26 JUL 2001

(PCT Article 36 and Rule 70)

Applicant's	or age	ent's file reference		See Notification of Transmittal of International
P.440.			FOR FURTHER ACTION	Preliminary Examination Report (Form PCT/IPEA/416)
Internation	al appl	ication No.	International filing date (day/month	Dyear) Priority date (day/month/year)
PCT/GB	00/02	2665	12/07/2000	15/07/1999
Internation G01N27		ent Classification (IPC) or na	tional classification and IPC	
Applicant THE VIC	TOR	IA UNIVERSITY OF M	MANCHESTER et al]]]]	r LimitED
		ational preliminary exam smitted to the applicant o		by this International Preliminary Examining Authority
2. This	REPO	ORT consists of a total of	5 sheets, including this cover sl	heet.
b (:	een a see R	mended and are the ba	sis for this report and/or sheets on the Administrative Instruction	e description, claims and/or drawings which have containing rectifications made before this Authority ons under the PCT).
3. This		·	ating to the following items:	
	Zi 🖂	Basis of the report		
		•		and an area and indicating and inching
III IV		Lack of unity of invention	·	ventive step and industrial applicability
v	⊠	Reasoned statement u		novelty, inventive step or industrial applicability;
VI		Certain documents cit	ed	
VII	\boxtimes	Certain defects in the in	nternational application	
VIII	⊠	Certain observations o	n the international application	
Date of sub	missio	on of the demand	Date of o	completion of this report
07/02/20	01		24.07.20	001
	exami	g address of the international	d Authoriz	ed officer
<u>)</u>	D-80 Tel.	pean Patent Office 0298 Munich +49 89 2399 - 0 Tx: 523650	-	18
	rdX.	+49 89 2399 - 4465	I Telephor	ne No. +49 89 2399 2777



International application No. PCT/GB00/02665

I. Basis of the report

1.	the and	receiving Office in r	tents of the international application (Replacement sheets which have been furnished to esponse to an invitation under Article 14 are referred to in this report as "originally filed" this report since they do not contain amendments (Rules 70.16 and 70.17)):
	1-1	5	as originally filed
	Cla	ims, No.:	
	1-3	1	as originally filed
2.		•	uage, all the elements marked above were available or furnished to this Authority in the nternational application was filed, unless otherwise indicated under this item.
	The	ese elements were a	vailable or furnished to this Authority in the following language: , which is:
		the language of a t	ranslation furnished for the purposes of the international search (under Rule 23.1(b)).
		the language of pu	blication of the international application (under Rule 48.3(b)).
		the language of a t 55.2 and/or 55.3).	ranslation furnished for the purposes of international preliminary examination (under Rule
3.			eotide and/or amino acid sequence disclosed in the international application, the examination was carried out on the basis of the sequence listing:
		contained in the int	ernational application in written form.
	□ ·	filed together with t	he international application in computer readable form.
		furnished subseque	ently to this Authority in written form.
		furnished subseque	ently to this Authority in computer readable form.
			the subsequently furnished written sequence listing does not go beyond the disclosure in plication as filed has been furnished.
		The statement that listing has been fur	the information recorded in computer readable form is identical to the written sequence nished.
4.	The	amendments have	resulted in the cancellation of:
		the description,	pages:
		the claims,	Nos.:
		the drawings,	sheets:
5.			en established as if (some of) the amendments had not been made, since they have been eyond the disclosure as filed (Rule 70.2(c)):



International application No. PCT/GB00/02665

(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)

- 6. Additional observations, if necessary:
- V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- 1. Statement

Novelty (N) Yes: Claims 1-31

No: Claims

Inventive step (IS) Yes: Claims 1-31

No: Claims

Industrial applicability (IA) Yes: Claims 1-31

No: Claims

2. Citations and explanations see separate sheet

VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted: see separate sheet

VIII. Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made: see separate sheet

INTERNATIONAL PRELIMINARY InterEXAMINATION REPORT - SEPARATE SHEET

Section V:

Reference is made to the following documents:

D1 = EP-A-0.872.729

D2 = RUSSIAN PATENT ABSTRACTS, Section S-X, Week 9705, 14.02.1997,
Derwent Publication Ltd., London GB; & RU 2059972 C1 (BIOCHEM INST)
02.06.1993

N: Document D1 represents the nearest available prior art with respect to independent claim 1 and reveals a sensor device according to the first part of claim 1 (see claim 1 of D1). The difference between the device of D1 and that of claim 1 resides in the composition of the membrane: according to D1 said membrane comprises a polyvinylchloride-copolymer wherein the second monomer comprises hydrophilic groups; according to claim 1 the membrane is made of a composition containing an impermeable polymer (e.g. PVC) and polyvinylpyridine (PVP) (Article 33(2) PCT).

Corresponding distinguishing features are also present in method claim 16 and in use claims 28 to 31.

IS: The problem with conventional sensor devices comprising a diffusion membrane is their poor "anti-fouling" properties i.e. when exposed to complex sample compositions they are subject to irreversible fouling.

The present sensor (membrane) overcomes said problem by using the aforementioned specific polymer composition.

Document D2 describes a membrane made of a polymeric material with immobilised polyelectrolyte which is poly-4-vinylpyridine (i.e. the membrane is not comprised of a composition in the sense of claim 1). The immobilisation of the polyelectrolyte is conducted by placing the membrane in a solution of the polycation (of PVP) and incubating at room temperature. The thus obtained membrane is used as filter membrane in biotechnology. D2 does not mention any "anti-fouling" properties, let alone how such properties could be obtained.



International application No. PCT/GB00/02665

EXAMINATION REPORT - SEPARATE SHEET

The other documents of the international search report are less relevant. Consequently, since none of the available prior art describes a solution to the above problem, an inventive step is acknowledged for claims 1-31 (Article 33(3) PCT).

Industrial applicability is also acknowledged (Article 33(4) PCT). IA:

Section VII:

1. Contrary to the requirements of Rule 5.1(a)(ii) PCT, the relevant background art disclosed in the document D1 is not mentioned in the description, nor is this document identified therein. Moreover, a document reflecting the prior art described on page 3, 2nd paragraph, is not identified in the description.

Section VIII:

- Claims 15, 22, and 27 are obscure since they refer to the description and should 1. therefore be deleted (Rule 6.2 PCT).
- The term "impermeable polymer" is unclear (cf. claim 1) and does not appear to 2. have a well recognised meaning in the particular art. It should be mentioned here, that a claim must be clear in itself, without any need of referring to the description.
- The feature of claim 11 does not constitute a limitation of the claimed sensor since 3. it relates to the sample.
- From the wording of claim 12 it is not apparent "where" the enzyme is present. 4.
- The expression "our composition" in claim 31 must be replaced by the intended 5. compounds.
- 6. Brackets shall be used for reference signs only.

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 25 January 2001 (25.01.2001)

PCT

(10) International Publication Number WO 01/06245 A1

(51) International Patent Classification7: G01N 27/327

(21) International Application Number: PCT/GB00/02665

(22) International Filing Date: 12 July 2000 (12.07.2000)

....

English

(26) Publication Language:

(25) Filing Language:

English

(30) Priority Data: 9916522.7

15 July 1999 (15.07.1999) GB

- (71) Applicant (for all designated States except US): THE VICTORIA UNIVERSITY OF MANCHESTER [GB/GB]; Oxford Road, Manchester M13 9PL (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): VADGAMA, Pankaj, Madganlal [GB/GB]; 4 The Sidings, Drywood Avenue, Worsley, Manchester M28 4QA (GB). WARRINER, Keith, Stewart, Robert [GB/GB]; 183 Wellington Street, Long Eaton, Nottinghamshire NG10 4JQ (GB). LILLIE, Geoffrey [GB/GB]; 56 Richmond Grove, Longsight, Manchester M13 0DP (GB).

- (74) Agent: TUNNICLIFFE, Peter, Barry; Chester Court, Church Close, Broadway, Worcestershire, WR12 7AH (GB).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

- With international search report.
- Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



(54) Title: POLYMERIC COMPOSITIONS AND SENSOR DEVICES

(57) Abstract: Sensor devices for analysing fluid samples, using a detector separated from samples by a permeable membrane made by blending an impermeable polymer (especially a polyvinylchloride - "PVC") with a poly-vinylpyridine ("PVP"). Usually, the proportion of PVP is substantial - 20-80 % of the combined polymers by weight - and the membrane less that 50 µm thick. This mixed membrane may be 10 part of a multi-layer membrane, and can employ an enzyme to convert one analyte into another. Methods for their use are principally electrochemical, making measurements amperometrically with a metal electrode (especially platinum) and the membrane's permeability to analytes such as glucose is valuable for assessing biological media, e.g. blood. The polymer mixture has unusual resistance to permanent fouling by high molecular weight materials, so allowing these to be washed off when necessary and the membrane used repeatedly; this property can be given to other surfaces by coating with the polymer mixture.

A. CLASSIFICATION OF SUBJECT MATTER G01N27/327

According to International Patent Classification (IPC) or to both national classification and IPC⁷

B. FIELDS SEARCHED

 $\label{eq:minimum documentation searched (classification system followed by classification symbols) \\ G01N$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0872729 A1 (AVL MEDICAL INSTRUMENTS) 21 October 1998, the whole document.	1-31
Y	RUSSIAN PATENTS ABSTRACTS Section S-X, Week 9705, 14 February 1997 Derwent Publication Ltd., London, GB; Class S03, AN 97-050554/05 & RU 2059972 C1 (BIOCHEM INST) 02 June 1993, abstract.	1-31
Y	SOVIET PATENTS ABSTRACTS Section S-X, Week 8817, 08 June 1988	1-31

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.		
Date of the actual completion of the international search	Date of mailing of the international search report		
27 September 2000	2 3. 11. 00		
Name and mailing address of the International Searching Authority European Patent Office P.B. 5818 Patentiaan 2 .NL-2280 HV Rijswijk .Tel(+31-70)340-2040, Tx 31 651 epo nl, Fax(+31-70)340-3016	Authorized officer NARDAI		

INTERNATIONAL SEA H REPORT

- 2 -PCT/GB 00/02665

		PCT/GB 00/02665
	ion) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	Derwent Publications Ltd., London, GB; Class S03, AN 88-118537/17 & SU 1341566 A (AS LITH BIOCHEM INS) 02 December 1985, abstract.	
Y	FR 2656423 A1 (RHONE-POULENC CHIMIE) 28 June 1991, the whole document.	1-31

ANHANC

Zum internationalen Recherchenbricht über die internationale Patentanmeldung Nr.

ANNEX

To the International Search Report to the international Patent Application No.

ANNEXE

du rapport de recherche international relativ à la demande de brevet international n°

PCT/GB 00/02665 SAE 291768

In diesem Anhang sind die Mitglieder der Patentfamilien der im obengenannten internationalen Recherchenbericht angeführten Patentdokumente angegeben. Diese Angaben dienen nur zur Unterrichtung und erfolgen ohne Gewähr.

This annex lists the patent family members relating to the patent documents cited in the above-mentioned search report.

The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

La presente annexe indique les membres de la famille de brevets relatifs aux documents de brevets cités dans le rapport de recherche international visée ci-dessus. Les renseignements fournis sont donnés à titre indicatif et n'engagent pas la responsibilité de l' Office.

Im Recherchenbericht angeführte Patentdokumente Patent document cited in search report Document de brevet cité dans le rapport de recherche		Patentdokumente document cited earch report nt de brevet cité	Publication date Date de		Mitglied(er) der Patentfamilie Patent family member(s) Membre(s) de la famille de brevets		Datum der Veröffentlichung Publication date Date de publication
EP	Al	872729	21-10-1998	AT	A	664/97	15-04-1998
				AT	В	404992	26-04-1999
				JP	A2	11051894	26-02-1999
RU	Cl	2059972	10-05-1996			none	
SU	A1	1341566	30-09-1987	LT	A3	2315	15-12-1993
FR	Al	2656423	28-06-1991			none	

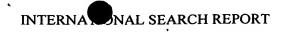
PATENT COOPERATION TREA

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER see Notification	of Transmittal of International Search Report
P.440.	ACTION (Form PCT/ISA/	220) as well as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/GB 00/02665	12/07/2000	15/07/1999
Applicant		
THE VICTORIA UNIVERSITY OF	- MANCHESTER	
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Searching Auturnsmitted to the International Bureau.	thority and is transmitted to the applicant
This International Search Report consists It is also accompanied by	of a total of sheets. a copy of each prior art document cited in this	s report.
1. Basis of the report		
With regard to the language, the language in which it was filed, unli	international search was carried out on the ba ess otherwise indicated under this item.	sis of the international application in the
the international search w Authority (Rule 23.1(b)).	as carried out on the basis of a translation of t	the international application furnished to this
was carried out on the basis of the	e sequence listing :	nternational application, the international search
	nal application in written form. rnational application in computer readable for	
	this Authority in written form.	m.
	this Authority in computer readble form.	
the statement that the sub	esequently furnished written sequence listing of siled has been furnished.	does not go beyond the disclosure in the
_ ''		is identical to the written sequence listing has been
2. Certain claims were four	nd unsearchable (See Box I).	
3. Unity of invention is lack	king (see Box II).	
4. With regard to the title,		
X the text is approved as su	bmitted by the applicant.	
the text has been establish	hed by this Authority to read as follows:	
÷		
5. With regard to the abstract,	hander of heads a south and	
	omitted by the applicant. hed, according to Rule 38.2(b), by this Authori date of mailing of this international search rep	
6. The figure of the drawings to be publi	shed with the abstract is Figure No.	<u>-</u>
as suggested by the applic	•	X None of the figures.
because the applicant faile	ed to suggest a figure.	
because this figure better	characterizes the invention.	



A. CLASSIFICATION OF SUBJECT MATTER G01N27/327

According to International Patent Classification (IPC) or to both national classification and IPC7

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0872729 A1 (AVL MEDICAL INSTRUMENTS) 21 October 1998, the whole document.	1-31
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Y	SOVIET PATENTS ABSTRACTS Section S-X, Week 8817, 08 June 1988	1-31

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
'A" document defining the general state of the art which is not considered to be of particular relevance 'E" earlier document but published on or after the international filing date 'L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'O" document referring to an oral disclosure, use, exhibition or other means 'P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
Date of the actual completion of the international search	Date of mailing of the international search report
27 September 2000	2 3. 11. 00
Name and mailing address of the International Searching Authority European Patent Office P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk Tel(+31-70)340-2040, Tx 31 651 epo nl, Fax(+31-70)340-3016	Authorized officer NARDAI

PCT/GB 00/02665

	<u> </u>	PCT/GB 00/02665
	ion) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	Derwent Publications Ltd., London, GB; Class S03, AN 88-118537/17 & SU 1341566 A (AS LITH BIOCHEM INS) 02 December 1985, abstract.	
Y	FR 2656423 A1 (RHONE-POULENC CHIMIE) 28 June 1991, the whole document.	1-31

ANHANC

Zum internationalen Recherchenbericht über die internationale Patentanmeldung Nr.

In diesem Anhang sind die Mitglieder der

Patentfamilien der im obengenannten

internationalen Recherchenbericht

Diese Angaben dienen nur zur

ANNEX

To the International Search Report to the international Patent Application No.

ANNEXE

Au rapport de recherche inter-national relativ à la demande de brevet international n°

PCT/GB 00/02665 SAE 291768

This annex lists the patent family members relating to the patent documents cited in the above-mentioned search report. angeführten Patentdokumente angegeben. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information. Unterrichtung und erfolgen ohne Gewähr.

La presente annexe indique les membres de la famille de brevets relatifs aux documents de brevets cités dans le rapport de recherche international visée ci-dessus. Les renseignements fournis sont donnés à titre indicatif et n'engagent pas la responsibilité de l' Office.

Im Recherchenbericht angeführte Patentdokumente Patent document cited in search report Document de brevet cité dans le rapport de recherche		Datum der Veröffentlichung Publication date Date de publication	Mitglied(er) der Patentfamilie Patent family member(s) Membre(s) de la famille de brevets			Datum der Veröffentlichung Publication date Date de publication
EP A1	872729	21-10-1998	AT	A	664/97	15-04-1998
			AT	В	404992	26-04-1999
			JР	A2	11051894	26-02-1999
RU C1	2059972	10-05-1996			none	
SU A1	1341566	30-09-1987	LT	A3	2315	15-12-1993
FR A1	2656423	28-06-1991			none	

PATENT COOPERATION TREATY___

	From the INTERNATIONAL BUREAU
PCT	To:
NOTIFICATION OF THE DECORDING	
NOTIFICATION OF THE RECORDING OF A CHANGE	KIDDLE, Simon, J.
OF A CHANGE	Mewburn Ellis
(PCT Rule 92bis.1 and	York House
Administrative Instructions, Section 422)	23 Kingsway
,	London WC2B 6HP ROYAUME-UNI
Date of mailing (day/month/year)	NOTADME-DIVI
23 March 2001 (23.03.01)	
Applicant's or agent's file reference	IMPORTANT NOTIFICATION
P.440.	
International application No.	International filing date (day/month/year)
PCT/GB00/02665	12 July 2000 (12.07.00)
1. The following indications appeared on record concerning:	
the applicant the inventor	the agent the common representative
Name and Address	State of Nationality State of Residence
TUNNICLIFFE, Peter, Barry	
Chester Court Church Close	Telephone No.
Broadway	01386 858127
Worcestershire, WR12 7AH United Kingdom	Facsimile No.
Onited Kingdom	01386 858127
	Teleprinter No.
2. The International Bureau hereby notifies the applicant that the	a following change has been recorded concerning:
X the person the name X the add	the nationality the residence
Name and Address	State of Nationality State of Residence
KIDDLE, Simon, J.	
Mewburn Ellis York House	Telephone No.
	0171 240 4405
23 Kingsway London WC2B 6HP	Facsimile No.
United Kingdom	0171 240 9339
	Teleprinter No.
3. Further observations, if necessary:	
4. A copy of this notification has been sent to:	
X the receiving Office	X the designated Offices concerned
the International Searching Authority	the elected Offices concerned
the International Preliminary Examining Authority	other:
	Authorized officer
The International Bureau of WIPO	
34, chemin des Colombettes 1211 Geneva 20, Switzerland	Mougamadou ABIDINE
Facsimile No : (41-22) 740 14 35	Telephone No.: (41-22) 338.83.38

PATENT COOPERATION TREATY

	From the INTERNATIONAL BUREAU			
PCT	To:			
	1			
NOTIFICATION OF THE RECORDING	KIDDI	F Cinna I		
OF A CHANGE		.E, Simon, J. ourn Ellis		
	York H	-		
(PCT Rule 92bis.1 and		gsway		
Administrative Instructions, Section 422)		n WC2B 6HP		
Date of mailing (day/month/year)	1 ROYA	UME-UNI		
23 March 2001 (23.03.01)				
Applicant's or agent's file reference		IMPORTANT NOTI	FICATION	
P.440.				
International application No.		national filing date (day/month/year)		
PCT/GB00/02665	12 Ju	ly 2000 (12.07.00)		
The Collection is attacked as a second secon				
The following indications appeared on record concerning: the applicant the inventor	7 .be sees.	the samma	on representative	
X the applicant the inventor	the agent			
Name and Address		State of Nationality	State of Residence	
THE VICTORIA UNIVERSITY OF		GB	GB	
MANCHESTER Oxford Road		Telephone No.		
Manchester M13 9PL United Kingdom	L			
Onited Kingdom		Facsimile No.		
	<u> </u>	Teleprinter No.		
		releprinter No.		
2. The International Bureau hereby notifies the applicant that the	_	7	_	
the person X the name X the add	ress	the nationality	the residence	
Name and Address		State of Nationality	State of Residence	
INTERNATIONAL INTERSTITIAL		GB	GB	
TECHNOLOGIES LIMITED 21 Southampton Row		Telephone No.		
London WC1B 5HS	L			
United Kingdom		Facsimile No.		
	L			
		Teleprinter No.		
	<u> </u>			
3. Further observations, if necessary:			•	
				
4. A copy of this notification has been sent to:		_		
X the receiving Office	×	the designated Offices	concerned	
the International Searching Authority	Ē	the elected Offices concerned		
the International Preliminary Examining Authority		other:		
The International Bureau of WIPO		Authorized officer		
34, chemin des Colombettes	Mougamadou ABIDINE			
1211 Geneva 20, Switzerland				
Facsimile No.: (41-22) 740.14.35 Telephone		o.: (41-22) 338.83.38		

PATENT COOPERATION TREATY

From the INTERNATIONAL BUREAU PCT Commissioner **NOTIFICATION OF ELECTION US Department of Commerce** United States Patent and Trademark Office, PCT (PCT Rule 61.2) 2011 South Clark Place Room CP2/5C24 Arlington, VA 22202 **ETATS-UNIS D'AMERIQUE** Date of mailing (day/month/year) in its capacity as elected Office 06 April 2001 (06.04.01) Applicant's or agent's file reference International application No. P.440. PCT/GB00/02665 Priority date (day/month/year) International filing date (day/month/year) 15 July 1999 (15.07.99) 12 July 2000 (12.07.00) **Applicant** VADGAMA, Pankaj, Madganlal et al 1. The designated Office is hereby notified of its election made: | X | in the demand filed with the International Preliminary Examining Authority on: 07 February 2001 (07.02.01) in a notice effecting later election filed with the International Bureau on:

2.	The election	X	was
			was not
	made before Rule 32.2(b).	the exp	piration of 19 months from the priority date or, where Rule 32 applies, within the time limit under

Authorized officer

Telephone No.: (41-22) 338.83.38

Juan Cruz

Form PCT/IB/331 (July 1992)

Facsimile No.: (41-22) 740.14.35

The International Bureau of WIPO

34, chemin des Colombettes 1211 Geneva 20, Switzerland

PATENT COOPERATION TREAT

	From the INTERNATIONAL BUREAU				
PCT	То:				
NOTIFICATION OF THE RECORDING OF A CHANGE (PCT Rule 92bis.1 and Administrative Instructions, Section 422) Date of mailing (day/month/year) 06 juillet 2001 (06.07.01)	KIDDLE, Simon, J. Mewburn Ellis York House 23 Kingsway London WC2B 6HP ROYAUME-UNI				
Applicant's or agent's file reference	UL DODTANT NOTICIOATION				
P.440.	IMPORTANT NOTIFICATION				
International application No. PCT/GB00/02665	International filing date (day/month/year) 12 juillet 2000 (12.07.00)				
The following indications appeared on record concerning: The applicant					
Name and Address INTERNATIONAL INTERSTITIAL	State of Nationality State of Residence GB GB				
TECHNOLOGIES LIMITED 21 Southampton Row London WC1B 5HS	Telephone No.				
United Kingdom	Facsimile No.				
	Teleprinter No.				
2. The International Bureau hereby notifies the applicant that the the person X the name the add					
Name and Address	State of Nationality State of Residence GB GB				
IIT LIMITED 21 Southampton Row London WC1B 5HS	Telephone No.				
United Kingdom	Facsimile No.				
	Teleprinter No.				
3. Further observations, if necessary:					
4. A copy of this notification has been sent to:					
X the receiving Office	the designated Offices concerned				
the International Searching Authority X the International Preliminary Examining Authority	the elected Offices concerned other:				
	Authorized officer				
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Dominique DELMAS				
Facsimile No.: (41-22) 740 14 35	Telephone No.: (41-22) 338.83.38				